

Title (en)
PROJECTOR

Title (de)
PROJEKTOR

Title (fr)
PROJECTEUR

Publication
EP 2594985 A4 20131225 (EN)

Application
EP 11806680 A 20110707

Priority
• JP 2010158096 A 20100712
• JP 2011065548 W 20110707

Abstract (en)
[origin: EP2594985A1] Provided is a projector capable of suppressing deterioration of a portion of a projection portion irradiated with a laser beam while improving brightness. This projector (100) is formed to deviate optical axes of laser beams emitted from a plurality of laser beam generation portions (61a, 61b, 62a, 62b, 63a, 63b) respectively from each other so that the laser beams emitted from the plurality of laser beam generation portions respectively do not concentrate on one point of a projection portion (68a, 68b).

IPC 8 full level
G02B 26/10 (2006.01); **G02B 30/25** (2020.01); **G03B 21/00** (2006.01); **G03B 21/14** (2006.01); **H04N 5/74** (2006.01); **H04N 9/31** (2006.01); **H04N 13/363** (2018.01)

CPC (source: EP KR US)
G02B 26/10 (2013.01 - KR); **G02B 26/101** (2013.01 - EP US); **G02B 30/24** (2020.01 - EP US); **G02B 30/25** (2020.01 - EP US); **G02F 1/1313** (2013.01 - US); **G03B 21/14** (2013.01 - EP KR US); **G03B 21/2013** (2013.01 - EP US); **G03B 21/2033** (2013.01 - EP US); **G03B 21/2053** (2013.01 - EP US); **G03B 21/28** (2013.01 - EP US); **H04N 9/3129** (2013.01 - EP US); **H04N 13/324** (2018.04 - EP US); **H04N 13/334** (2018.04 - EP US); **H04N 13/337** (2018.04 - EP US); **H04N 13/363** (2018.04 - EP US); **H04N 13/365** (2018.04 - EP US); **G02B 27/48** (2013.01 - EP US)

Citation (search report)
• [X] US 2009231697 A1 20090917 - MARCUS MICHAEL A [US], et al
• See references of WO 2012008350A1

Cited by
WO2024033376A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2594985 A1 20130522; EP 2594985 A4 20131225; CN 102985868 A 20130320; JP 2012022050 A 20120202; JP 5540955 B2 20140702; KR 20130111239 A 20131010; TW 201214014 A 20120401; US 2013155336 A1 20130620; US 9083893 B2 20150714; WO 2012008350 A1 20120119

DOCDB simple family (application)
EP 11806680 A 20110707; CN 201180034326 A 20110707; JP 2010158096 A 20100712; JP 2011065548 W 20110707; KR 20127033507 A 20110707; TW 100124175 A 20110708; US 201113809717 A 20110707